

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil & Gas Division
311 S. 1st Street
Artesia, NM 88201

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

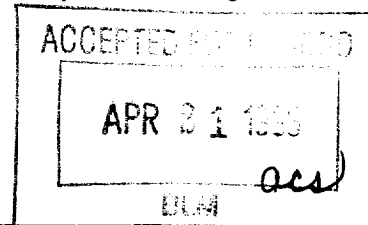
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	8. Well Name and No. Lotos "11F" Federal #2
2. Name of Operator Sonat Exploration Co. - Midland 915/684-0400	9. API Well No. 30 015 28821
3. Address and Telephone No. 110 W. Louisiana, Ste. 500 Midland, Tx 79701	10. Field and Pool, or Exploratory Area Ingle Wells (Delaware)
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1780' FNL 660' FEL Section 11 T24S R31 E	11. County or Parish, State Eddy County, New Mexico

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other Remedial cementing
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

MIRU rotary wireline. Set CIBP at 5600'. Tested CIBP & casing to 2,000# (OK). Placed 10' cement on top CIBP. Perf 5 1/2" casing at 5,400' w/4 jspf, 1', 4 holes. Set 5 1/2" retainer at 5,291'. Squeeze perfs at 5,400' w/350 sx 35/65 POZ "C" w/6% gel, 5% salt, 1/4# Blocele mixed at 12.7 ppg, 1.84 FT3/sk FB 100 sx class "C" neat mixed at 14.8 ppg, 1.35 FT3/sk. Left 1.5 bbls slurry in casing, 137.5 bbls behind 5 1/2" casing. Reversed tubing clean. Top of cement at 3,360' by temp survey. Drilled 4' and 2' of cement retainer in 5 hrs. Circulated well clean. Completed drilling cement retainer & cement to 5,435'. Circ well clean. Tested squeeze to 500# for 30 mins. Drilled cement & CIBP to 5,615'. Complete drill-out. TIH w/pump assembly. Released rig. Well pumping.



14. I hereby certify that the foregoing is true and correct
Signed Laura Clepper Title Engineering Technician Date 4-15-98
(This space for Federal or State office use)
Approved by _____ Title _____ Date _____
Conditions of approval, if any